

ABSTRACT OF THE INVENTION

A laser diode driver output stage for driving an associated laser diode device. The laser diode driver output stage includes a driver circuit adapted to receive an input data signal at an input node and provide an output signal to a positive output node and a negative output node in response to the data signal. The laser diode driver output stage further includes a transformer having a positive terminal of a first side coupled to the positive output node of the driver circuit, a negative terminal of the first side coupled to the negative output node, a positive terminal of a second side coupled to the positive output node, and negative terminal of the second side coupled to a bias current generator. The transformer functions to isolate the bias current from fluctuations in the output signal, whereby the output signal and bias current are provided to the associated laser diode device.